

Office Memorandum

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UNITED STATES GOVERNMENT

CONFIDENTIAL

JAN 24 1955

TO : Chief, Engineering Division/OC DATE: JAN 24 1955

FROM : Acting Chief, Administration Section, Contract Branch, PD/LO

SUBJECT: Contract No.

50X1

1. Enclosed is a copy of the Contractor's letter dated December 27, 1954 requesting authorization to proceed with the erection of an antenna system. Please review this request and advise this office in order that the Contracting Officer may so instruct the Contractor.

2. It is also requested that the appropriate schedule of the Contract be identified with respect to work to be performed. Advice is also requested as to whether the February 4, 1955 completion date is adequate to cover such work.

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Enclosure:

1 letter dated Dec. 27, 1954

LO/PD/CB/AS/LS:nf (21 Jan. 1955)

Distribution:

Orig & 1- Addressee

1-

1- Chrono

2- ICAB

1- Follow-Up (21 Feb. 1955)

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DOC	12	REV DATE	17/3/80	BY	37167
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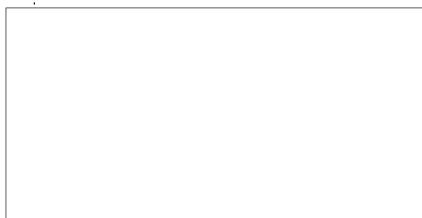
December 27, 1954

Via Airmail - Registered
Return Receipt Requested

CMCC Doc. No. 151.132

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We shall be initiating field tests on the equipment developed under Contract [redacted] within approximately a month or five weeks from this date. [redacted]

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The feasibility of communication over a specified distance is a function of the transmitter power employed and of the radiation characteristics of the transmitting and receiving antenna systems. [redacted]

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[redacted] the transmitting antenna to be employed will be a simple vertical radiator of relatively low efficiency. It is extremely desirable, therefore, that the receiving antennas employed be designed to exhibit the highest efficiency that can be attained reasonably. We have determined that the [redacted]

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[redacted] is adequate in extent to accommodate two Type G rhombic antennas which, when properly oriented, will provide excellent performance in the reception of signals emanating from a series of test sites [redacted] Because such antennas would serve no useful purpose for any of the other activities in which [redacted] is engaged, we request your authorization to proceed with the erection of such an antenna system and to charge the cost of materials and subcontract labor against Contract [redacted] Preliminary estimates indicate that the total cost of materials for both antennas will be in the neighborhood of \$1350, and that the cost of erection of each antenna will approximate the same amount. It is anticipated, therefore, that the cost of materials plus labor will approximate \$4000. When erected, these antennas will become the property of the contracting agency. Although they will be required for a period of approximately one month, we shall not dismantle the antenna structures at the conclusion of the tests unless it becomes necessary to do so for compelling reasons originating

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December 27, 1954

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[redacted]
within [redacted] or unless we are so requested
by the contracting agency. Present rates of expenditure under Contract
[redacted] suggest that the funds allocated to this contract will cover the
cost of materials and labor for construction of the antenna system. No
overhead charges will be made on such expenditures.

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Because of the comparatively short time remaining before construc-
tion of suitable antennas must be undertaken, we request your action on
this matter at the earliest date convenient.

Yours very truly,

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[redacted]
Director
Communications Division

BFM
cb

Enclosure:
Doc. Receipt Form

20 JAN 2 1955
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